Anthrax PCR Product

5'G GCG GAT GAG TCA GTA GTT AAG GAG GCT CAT AGA GAA GTA ATT AAT 3'C CGC CTA CTC AGT CAT CAA TTC CTC CGA ĞŢA TCT CTT CAT TAA TTA

TCG TCA ACA GAG GGA TTA TTG TTA AAT ATT GAT AAG GAT ATA AGA AAA AGC AGT TGT CTC CCT AAT AAC AAT TTA TAA CTA TTC CTA TAT TCT TTT

ATA TTA TCC AGG GTT ATA TTG TAG AAA TTG AAG ATA CTG AAG GGC TT 3' TAT AAT AGG TCC CAA TAT AAC ATC TTT AAC TTC TAT GAC TTC CCG AA 5'

141 mer Anthrex PCR product [SEQ ID NO:36]

3' CTC CCT AAT AAC AAT-

[SEQ 10 NO:31]

3' TTA TAA CTA TTC CTA

[SEQ ID NO: 38]

Oligonucleotide-Nanoparticle Probes

Blocker Oligonucleotides

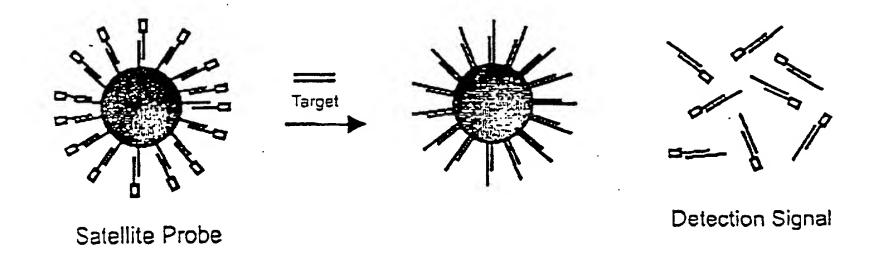
3' C CGC CTA CTC AGT CAT CAA TTC CTC CGA GT [SEQ 1D NO:39]

3' A TCT CTT CAT TAA TTA AGC AGT TGT [SEQ 1D NO:40]

3' TAT TCT TTT TAT AAT AGG TCC CAA TAT [SEQ 1D NO:41]

3' AAC ATC TTT AAC TTC TAT GAC TTC CCG AA [SEQ 1D NO:42]

FIGURE 23



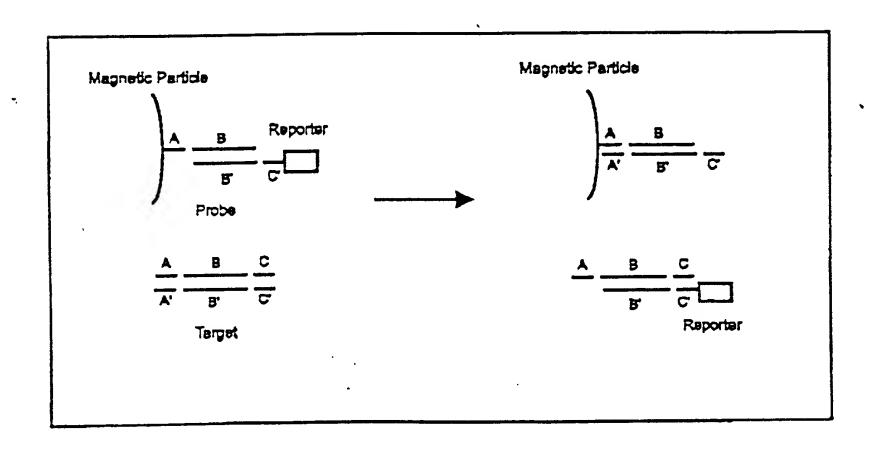


FIGURE 24

1. (target)

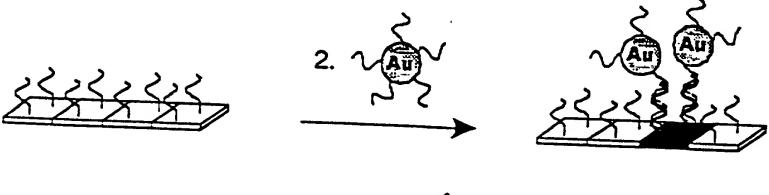


FIGURE 25A

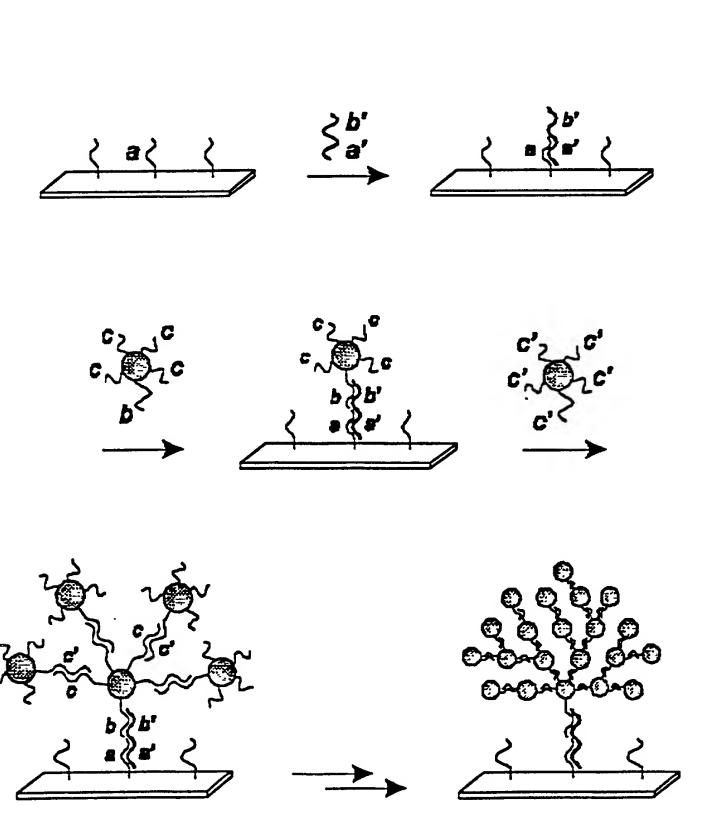


FIGURE 25 B